



<110> Hughes, Benjamin  
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<120> METHOD FOR ADMINISTERING INSULINOTROPIC PEPTIDES

<130> X-12013

<140> 09/383,789  
<141> 1999-08-26

<150> US 60/098273  
<151> 1998-08-28

<150> US 60/100012  
<151> 1998-09-11

<160> 4

<170> PatentIn version 3.0

<210> 1  
<211> 29  
<212> PRT  
<213> Artificial

<220>  
<223> synthetic construct

<220>  
<221> PEPTIDE  
<222> (1)..(1)  
<223> X at position 1 is Ala, Gly, Val, Thr, Ile and  
alpha-methyl-Ala;

<220>  
<221> PEPTIDE  
<222> (14)..(14)  
<223> X at position 14 is Glu, Gln, Ala, Thr, Ser and Gly;

<220>  
<221> PEPTIDE  
<222> (20)..(20)  
<223> X at position 20 is Glu, Gln, Ala, Thr, Ser and Gly.

<400> 1

Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Xaa Gly Gln  
1 5 10 15

Ala Ala Lys Xaa Phe Ile Ala Trp Leu Val Lys Gly Arg  
20 25

<210> 2  
<211> 29

<212> PRT  
 <213> Artificial

<220>  
 <223> synthetic construct

<220>  
 <221> PEPTIDE  
 <222> (28)..(28)  
 <223> X at position 28 is Lys;

<220>  
 <221> PEPTIDE  
 <222> (29)..(29)  
 <223> X at position 29 is Gly or is absent.

<400> 2

His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly  
 1 5 10 15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Xaa Xaa  
 20 25

<210> 3  
 <211> 29  
 <212> PRT  
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<220>  
 <223> synthetic construct

<220>  
 <221> PEPTIDE  
 <222> (19)..(19)  
 <223> X at position 19 is Lys or Arg.

<400> 3

Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln  
 1 5 10 15

Ala Ala Xaa Glu Phe Ile Ala Trp Leu Val Lys Gly Arg  
 20 25

<210> 4  
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 <212> PRT  
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<220>  
 <223> synthetic construct

<400> 4

His Val Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly  
 1 5 10 15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly  
20 25 30